

prevention - protection - enforcement



EMT COURSE COORDINATOR'S GUIDE

Revised June 2014

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INTRODUCTION

The South Dakota Emergency Medical Services Office is charged with ensuring quality in pre-hospital emergency medical care and continues to regard the staffing of ambulance services in the State as a high priority. As the Course Coordinator, you are responsible for conducting each course in accordance with National EMS Educational Standards, <a href="National EMS Educational Ems Educatio

The information within this guide is provided to support you, the Course Coordinator, in preparing, conducting, and testing an EMT course. This guide is designed to assist you with the steps necessary to implement and test a course as well as the necessary forms. The forms can be used as "masters" to be copied as necessary.

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CHAPTER 1: RESPONSIBILITIES OF THE COURSE COORDINATOR

We recommend that you use the NHTSA <u>National EMS Education Standards</u> and the National <u>EMS Scope of Practice</u> for developing your course of instruction as your students will be tested on these standards.

Student textbooks can be purchased from the publisher or bookstore of your choice. A list of EMS publishers is available to you through the <u>South Dakota Department of Public Safety Web Site http://dps.sd.gov/emergency_services/emergency_medical_services/emt_courses_training.aspx</u>
Student textbooks are mandatory while student workbooks are recommended. Additional programs or software that publishers offer are at the discretion of the Course Coordinator.

The information that follows is to clarify the steps and to provide you with the forms that you as the course coordinator are required to provide, when conducting and testing an EMT Course.

General Course Coordinator Standards

- 1. Act as a liaison between students, sponsoring agency, local medical community, clinical sites, and State EMS Office.
- 2. Assure completion of course goals, objectives, information, training standards, registrations, testing and administrative requirements.
- 3. Ensure all equipment required for the course is available, is clean, and is in appropriate working condition and each student has adequate amount of practical time.
- 4. Ensure all secondary instructors are present for their course assignments; ensure all assistants are knowledgeable and competent in the subject matter; and, ensure instructors are certified at or above the level they are instructing.

Pre-Course Requirements and Recommendations

- 1. Recommendation: Complete an Instructor/Coordinator Course or equivalent.
- 2. Recommendation: Purchase professional liability insurance.
- 3. Submit, to the EMS Office, an EMT *Application to Conduct Course* with syllabus and appropriate signatures <u>no less than 4 weeks prior</u> to start of class.
- 4. Recommendation: Advertise and/or announce course within 50 mile radius of course location.
- 5. Purchase or secure all needed textbooks, workbooks, audio/visual equipment, software, etc. needed for course.
- 6. Contact Emergency Medical Specialist to schedule class opening at least two weeks prior to start of class.
- 7. Read the NREMT EMT testing manual found at https://www.nremt.org/nremt/downloads/2011%20EMt%20User's%20Guide.pdf

Pre-Course	e Check List	
	Application to Conduct Course submitted to State EMS Office. Purchase of all needed books, equipment, software, etc. Contacted Emergency Medical Specialist to schedule class opening	

Conducting Course Requirements and Recommendations

- 1. Once the course is approved and a class number is assigned, register your class with the National Registry of EMT's. (www.nremt.org)
- 2. It is essential to maintain attendance rosters. Students missing more than 3 classes should be dismissed from the course.
- 3. It is highly recommended that quizzes and tests, based on National Standards, are given to students.
- 4. Coordinate or contract with approved hospitals and/or ambulance services to ensure students are scheduled and complete all required observation hours.
- 5. At a minimum, two weeks prior to Practical or written testing, each student must complete their application with the National Registry, including payment.

Conducting Course Check List	
 Register class with National Registry. Maintain student rosters. Schedule students with approved hospitals or amburequired observation hours. Have student register and pay National Registry CB 	·

Course Ending

- 1. Check the course completion box for each student who has successfully completed the requirements for the course. This can be found by logging into your National Registry account and under course completion.
- 2. Administer a final cognitive exam over the course material. It is essential students pass the class final prior to taking the final National Registry examination.
- 3. Administer a final psychomotor exam using the National Registry skills sheets. **See Appendix D.**
- 4. Ensure all forms required by the State EMS Office are complete and retain on file for 2 years.
- 5. Contact Emergency Medical Specialist for the class closing.
- 6. Report to the State EMS Office of any students NOT testing or who have dropped from the class.

Emergency Medical Technician Forms

- 1) Emergency Room/Ambulance Observation
- 2) Preceptor evaluation form
- 3) Vital Sign evaluation form
- 4) Patient Assessment
- 5) Class Evaluation
- 6) Clinical Site Evaluation

Course Er	nding Check List
	Sign off students with National Registry
	Administer class final written and practical exams
	Ensure all forms are complete as required by State EMS Office
	Contact Emergency Medical Specialist for class closing
	Report student roster changes to State EMS Office
	Administer Final National Registry Psychomotor Exam
	Collect all forms and keep on file for 2 years
	Send original score sheets from final practical and course evaluations to OEMS.

CHAPTER 2: COURSE AND CLINICAL REQUIREMENTS

The Emergency Medical Technician course follows National Highway Traffic Safety Administration (NHTSA) National EMS Educational Standards (http://www.ems.gov/pdf/811077a.pdf) and National Scope of Practice (http://www.ems.gov/education/EMSScope.pdf). The course standards are performance and competency based. This means, in addition to classroom performance, each student must successfully complete and show competency in clinical and internship settings. Course coordinators should adjust classroom and clinical schedules accordingly.

Emergency Medical Technician Course

Although competency based, it is estimated that an initial EMT course will be approximately 165 hours.

In addition, each student will have to successfully complete the following clinical skills:

- 1) Minimum 10 hours in an emergency department or on an ambulance service, at approved sites.
- 2) Complete 10 patient assessments on live patients or standardized patients.

Student Requirements

The following requirements must be met by students in order to attend courses and take the National Registry practical and CBT exams:

- 1) Be 18 years of age
- 2) Have completed all clinical skills
- 3) Must submit required documents to their instructor and the State
- 4) Be signed off by Course Coordinator as completing the course

Students with felonious backgrounds must inform their course coordinator and the State EMS Office, either through the Emergency Medical Specialist in the area or the Pierre office as well as contacting and informing NREMT. All students must adhere to the National Registry Felony Policy.

CHAPTER 3: RESPONSIBILITIES OF THE STATE EMS OFFICE

- 1. Approve course applications and assign course numbers.
- 2. Assist the Course Coordinator in setting up the course.
- 3. Conduct class openings and closings.
- 4. Act as a liaison in the event of any conflicts within the course.
- 5. Supply scoring sheets to class coordinator for NREMT Psychomotor Exam.
- 6. Review and file course evaluations for quality assurance/improvement. OEMS retains the right to request course evaluations at any time.

APPENDIX A

APPLICATION TO CONDUCT TRAINING EMERGENCY MEDICAL TECHNICIAN

EMERGENY MEDICAL TECHNCIAN (EMT) TRAINING COURSE AUTHORIZATION REQUEST

SOUTH DAKOTA DEPARTMENT OF PUBLIC SAFETY
OFFICE OF EMERGENCY MEDICAL SERVICES
118 W CAPITOL AVENUE
PIERRE, SD 57501

TELEPHONE (605) 773-4031 FAX (605) 773-6631

INSTRUCTIONS: Type or print clearly. This request must be completed by the course coordinator and submitted to OEMS at least four

Date

11/2011

weeks prior to beginning the course. Please keep a copy for your records. Type of Training Projected Student Number EMT-INITIAL Physical Location of Course Address City State Zip End Date Total Estimated Start Date Courses will be held on Su $-\mathbf{M}$ – Tu - w Th. F Sa Meeting Time (Click all that apply) Course Coordinator State EMS# Address State Zip City Email Telephone # State EMS # Primary Instructor License # Physician Medical Director Textbook Used Publisher Edition State Practical Test Date (Initial EMT Only) ALS Licensed Ambulance Service (for clinical Purposes) Name of Participating Hospital (for clinical purposes) AS THE CLASS COORDINATOR I WILL SECURE COURSE MATERIALS AND VISUAL AIDS, SECURE USE OF CLASSROOM FACILITIES, PREPARE AND INPLEMENT CLASS SCHEDULES, ARRANGE AND SCHEDULE IN-HOSPITAL OBSERVATION AND TRAINING, AND PERFORM OTHER APPROPRIATE CLASS FUNCTIONS. I WILL ADHERE TO THE APPROPIRATE STANDARD CURRICULM THROUGHOUT THE COURSE. SCHEDULE FOR INITIAL COURSES MUST BE SUBMITTED WITH REQUEST TO THE OEMS.

A COURSE AUTHORIZATION NUMBER WILL BE INCLUDED IN THE COURSE AUTHORIZATION LETTER UPON COURSE APPROVAL. PLEASE KEEP THIS NUMBER FOR YOUR RECORDS AND USE ON ALL COURSE CORRESPONDENCE. PLEASE NOTE: AN EMS REGISTRATION FORM FOR EVERY STUDENT MUST BE SUBMITTED AT BEGINNING OF INITIAL COURSES FOR EVERY STUDENT IN THE COURSE.

OEMS USE ONLY

Course Authorization # Poste	osted on Website
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Signature of Course Coordinator

EMERGENCY MEDICAL TECHNICIAN – EMT MEDICAL DIRECTOR AGREEMENT

Initial Course Only

Physician Name		
Mailing Address		
City	State	Zip Code
Responsibilities of Physician Medical Director		
-Obtain approval from the hospital medical staff(s) (providing of Technician Course	clinical training) to	initiate an Emergency Medical
-Assure overall direction and coordination of the planning, organized development and effectiveness of the program.	anization, administ	ration, periodic review, continued
-Oversee that the course is conducted as outlined in the Nationa instruction and clinical experience	al EMS Education	Standards -Oversee the quality of
-Oversee course compliance with all applicable OEMS policy	and procedures.	
Assure each student has appropriate liability insurance		
As Physician Medical Director of the Emergency Medical Tech responsibilities and reserve the right to withdraw this agreemen must be submitted in writing the Office of Emergency Medical	t at any time. In or	
Signature of Physician Medical Director		Date
SD License Number		

EMERGENCY MEDICAL TECHNICIAN – EMT ER DIRECTOR SUPPORT

Initial Course Only

Hospital Name		
Mailing Address		
City	State	Zip Code
ER Director		
A signed copy of this form or equivalent contract must be submitted to the O As ER Director of above mentioned hospital, I support the initiation of an En Training Program and agree that the students enrolled in this program may do hospital. I may withdraw this agreement at any time by submitting the reques Director and the Office of EMS (OEMS).	nergency Medical Tec o their clinical training	chnician (EMT) g skills in this
Signature of ER Director	Date	

EMERGENCY MEDICAL TECHNICIAN – EMT AMBULANCE SERVICE SUPPORT

Initial Course Only

Service Name

Mailing Address		
City	State	Zip Code
Director/Manager		
A signed copy of this form or equivalent must be submitted to the OEMS	for each service u	ised.
As director of above mentioned ambulance service I agree to provide a set EMT training program to be held at named city. I understand the ambulance students observing and participating under supervision in all aspects of pat within the scope of practice of an EMT. The ambulance clinical experience medical director of the service on record. I understand this agreement may training program director and the Office of EMS.	ce experience wil ient care as carrice will be under the	Il involve the EMT ed out by this service ne supervision of the
Signature of Ambulance Service Director/Manager		Date

<u>Schedule for EMT Course – NEMS Education</u> <u>Standards</u>

Estimated Time	<u>Date</u>	<u>Lesson</u>	<u>Instructor</u>
<u>Preparatory</u>			
1 Hour 2 Hours 3 Hours 3 Hours 3 Hours 1 Hours 1 Hour		EMS Systems Workforce Safety & Wellness Communications and Documentation Medical/Legal and Ethics Anatomy and Physiology Life Span Development Public Health Evaluation: Preparatory	
Pharmacology 1 Hour 2 Hours 1 Hour 1 Hour		Principles of Pharmacology Emergency Medications and Administration Practical Skills Lab: Pharmacology Evaluation: Pharmacology	
<u> Airway Manager</u>	<u>nent, Resp</u>	iration and Artificial Ventilation	
2 Hours 4 Hours 4 Hours 1 Hour		Airway Management Respiration and Ventilation Practical Skills Lab: Airway Evaluation: Airway	
Patient Assessm	<u>nent</u>		
1 Hour 1 Hour 2 Hours 3 Hours 2 Hours 8 Hours 1 Hour		Scene Size-Up Primary Assessment History Taking Secondary Assessment Reassessment and Monitoring Devices Practical Skills Lab: Patient Assessment Evaluation: Patient Assessment	
<u>Medical</u>			
2 Hours 2 Hours 2 Hours 2 Hours 2 Hours 2 Hours 5 Hours 1 Hour 1 Hour 8 Hours		Medical Overview Neurology Abdominal and Gastrointestinal Disorders Immunology Endocrine Psychiatric Cardiovascular Toxicology Respiratory Hematology and Renal Gynecology Practical Skills Lab: Medical	
1-Hour		Evaluation: Medical/Behavioral	

Estimated Time	<u>Date</u>	<u>Lesson</u>	<u>Instructor</u>
Shock and Resu	<u>uscitation</u>		
3 Hours 4 Hours 4 Hours 1 Hour		Shock BLS Resuscitation - CPR Practical Skills Lab: Shock and Resuscitation Evaluation: Shock and Resuscitation	on
<u>Trauma</u>			
2 Hours 2 Hours 2 Hours 2 Hours 4 Hours 4 Hours 6 Hours 2 Hours 1 Hour 8 Hours		Trauma Overview Bleeding Chest Trauma Abdominal and Genitourinary Trauma Orthopedic Trauma Soft Tissue Trauma Head, Facial, Neck and Spine Trauma Special Considerations in Trauma Environmental Emergencies Multi-System Trauma Practical Skills Lab: Trauma	
Special Patient I	Populations Populations		
3 Hours 3 Hours 4 Hours 2 Hours 3 Hours 1 Hour		Obstetrics and Neonatal Care Pediatrics Geriatrics Patients with Special Challenges Practical Skills Lab: Special Patient Popula Evaluation: Special Patient Population	ntion
<u>Operations</u>			
1 Hour 4 Hours 2 Hours 1 Hour 2 Hours 8 Hours 1 Hour		Principles of Operating an Ambulance Incident Management Mass Casualty Incidents Vehicle Extrication HazMat Awareness and Terrorism Practical Skills Lab: Operations Evaluation: Operations	
Practical	National R	Registry Practical Exam <u>Administered by C</u>	Course Coordinator & Staff
Written	Nation	al Registry Computer Based Test Administe	red by Pearson Vue

APPENDIX B

NATIONAL REGISTRY PRACTICAL SKILLS SHEETS EMERGENCY MEDICAL TECHNICIAN



PATIENT ASSESSMENT/MANAGEMENT - MEDICAL

Candidate:	Examiner:		
Date:	Signature:		
Scenario #:			
Actual Time Started:		Possible Points	Points Awarded
Takes or verbalizes appropriate body substance isolation precautions	1	1	
SCENE SIZE-UP			
Determines the scene/situation is safe		1	
Determines the mechanism of injury/nature of illness		1	
Determines the number of patients		1	
Requests additional help if necessary		1	
Considers stabilization of the spine		1	
PRIMARY SURVEY/RESUSCITATION			
Verbalizes general impression of the patient		1	
Determines responsiveness/level of consciousness (AVPU)		1	
Determines chief complaint/apparent life-threats		1	
Assesses airway and breathing			
-Assessment (1 point)		3	
-Assures adequate ventilation (1 point)		,	
-Initiates appropriate oxygen therapy (1 point)			
Assesses circulation			
-Assesses/controls major bleeding (1 point)		3	
-Checks pulse (1 point)			
-Assesses skin [either skin color, temperature or condition] (1 point)		
Identifies patient priority and makes treatment/ transport decision		1	
HISTORY TAKING			
History of the present illness			
-Onset (1 point) -Quality (1 point) -Severity (1 point)		8	
-Provocation (1 point) -Radiation (1 point) -Time (1 point)	NDODOT (2 i-+)		
-Clarifying questions of associated signs and symptoms related to C	PQRST (2 points)	$\overline{}$	
Past medical history Allowing (1 point) Past postinger history (1 point) Franct	1 1	5	
	s leading to present s (1 point)	,	
SECONDARY ASSESSMENT	(1 politi)		
Assesses affected body part/system			
-Cardiovascular -Neurological -Integumentary -Reprodu	notines.	5	
	ogical/Social	,	
VITAL SIGNS	ogicae Jocini		
-Pulse (1 point) -Respiratory rate and quality (1 poi	mt arah)		
-Blood pressure (lpoint)	ш еаси)	4	
States field impression of patient		1	
Interventions [verbalizes proper interventions/treatment]		1	
REASSESSMENT		•	
Demonstrates how and when to reassessment the patient to determin	a change in condition	1	
Provides accurate verbal report to arriving EMS unit	e changes in conduion	1	
Provides accurate vertial report to arriving Livis unit		1	
Actual Time Ended:	TOTAL	42	

Critical Criteria
Failure to initiate or call for transport of the patient within 15 minute time limit
Failure to take or verbalize appropriate body substance isolation precautions
Failure to determine scene safety before approaching patient
Failure to voice and ultimately provide appropriate oxygen therapy
Failure to assess/provide adequate ventilation
Failure to find or appropriately manage problems associated with airway, breathing, hemorrhage or shock
Failure to differentiate patient's need for immediate transportation versus continued assessment or
treatment at the scene
Performs secondary examination before assessing and treating threats to airway, breathing and circulation
Orders a dangerous or inappropriate intervention
Failure to provide accurate report to arriving EMS unit
Failure to manage the patient as a competent EMT
Exhibits unacceptable affect with patient or other personnel
Uses or orders a dangerous or inappropriate intervention
You must factually document your rationale for checking any of the above critical items on this form (below or turn sheet over).
Comments:



PATIENT ASSESSMENT/MANAGEMENT - TRAUMA

Candidate: Examiner:		
Date: Signature:		
Scenario #:	on Possible Points	Points Awarded
Takes or verbalizes appropriate body substance isolation precautions	1	
SCENE SIZE-UP		
Determines the scene/situation is safe	1	
Determines the mechanism of injury/nature of illness	i	
Determines the number of patients	i	
Requests additional EMS assistance if necessary	i	
Considers stabilization of the spine	1	
PRIMARY SURVEY/RESUSCITATION		
Verbalizes general impression of the patient	1 1	
Determines responsiveness/level of consciousness	1	
Determines chief complaint/apparent life-threats	1	
Airway	2	
-Opens and assesses airway (1 point) -Inserts adjunct as indicated (1 point)	2	
Breathing		
-Assesses breathing (1 point)		
-Assures adequate ventilation (1 point)	4	
-Initiates appropriate oxygen therapy (1 point)		
-Manages any injury which may compromise breathing/ventilation (1 point)		
Circulation		
-Checks pulse (1 point)		
-Assesses skin [either skin color, temperature or condition] (1 point)	4	
-Assesses for and controls major bleeding if present (1 point) -Initiates shock management (positions patient properly, conserves body heat] (1 point)		
Identifies patient priority and makes treatment/ transport decision (based on calculated GCS)	- - 	
HISTORY TAKING	-	
Attempts to obtain sample history	1	
• • •	-	
SECONDARY ASSESSMENT Head		
-Inspects mouth**, nose** and assesses facial area (1 point)		
-Inspects and palpates scalp and ears (1 point)	3	
-Assesses eyes** (1 point)		
Neck**		
-Checks position of trachea (1 point)		
-Checks jugular veins (1 point)	3	
-Palpates cervical spine (1 point)		
Chest**		
-Inspects chest (1 point)	3	
-Palpates chest (1 point)	,	
-Auscultates chest (1 point)		
Abdomen/pelvis**		
-Inspects and palpates abdomen (1 point)	3	
-Assesses pelvis (1 point)		
-Verbalizes assessment of genitalia/perineum as needed (1 point)		
Lower extremities**	2	
-Inspects, palpates and assesses motor, sensory and distal circulatory functions (1 point/leg)		
Upper extremities	2	
-Inspects, palpates and assesses motor, sensory and distal circulatory functions (1 point/arm) Posterior thorax, humbar and buttocks**	_	
-Inspects and palpates posterior thorax (1 point)	2	
-inspects and palpates lumbar and buttocks areas (1 point)	[*]	
VITAL SIGNS		
Obtains baseline vital signs [mast include BP, P, R] (1 point)		
Manages secondary injuries and wounds appropriately	+ +	
	1	
REASSESSMENT		
Demonstrates how and when to reassesses the patient	1	
Actual Time Ended: TOT.	AL 42	I
Actual Time Ended: TOT:	AL 42	I

Critical Criteria
Failure to initiate or call for transport of the patient within 10 minute time limit
Failure to take or verbalize body substance isolation precautions
Failure to determine scene safety
Failure to assess for and provide spinal protection when indicated
Failure to voice and ultimately provide high concentration of oxygen
Failure to assess/provide adequate ventilation
Failure to find or appropriately manage problems associated with airway, breathing, hemorrhage
or shock
Failure to differentiate patient's need for immediate transportation versus continued
assessment/treatment at the scene
Performs other assessment before assessing/treating threats to airway, breathing and circulation
Failure to manage the patient as a competent EMT
Exhibits unacceptable affect with patient or other personnel
Uses or orders a dangerous or inappropriate intervention
Oses of orders a dangerous of mappropriate intervention
You must factually document your rationale for checking any of the above critical items on this form in the space below
Comments:



OXYGEN ADMINISTRATION BY NON-REBREATHER MASK

Candidate: Exa	miner:		
Date: Sign	ature:	Possible	Points
Actual Time Started:		Points	Awarded
Takes or verbalizes appropriate body substance isolation precau	tions	1	
Gathers appropriate equipment		1	
Cracks valve on the oxygen tank		1	
Assembles the regulator to the oxygen tank		1	
Opens the oxygen tank valve		1	
Checks oxygen tank pressure		1	
Checks for leaks		1	
Attaches non-rebreather mask to correct port of regulator		1	
Turns on oxygen flow to prefill reservoir bag		1	
Adjusts regulator to assure oxygen flow rate of at least 10 L/min	nute	1	
Attaches mask to patient's face and adjusts to fit snugly		1	
Actual Time Ended:	TOTAL	11	
Failure to take or verbalize appropriate body substance isolation precautions Failure to assemble the oxygen tank and regulator without leaks Failure to prefill the reservoir bag Failure to adjust the oxygen flow rate to the non-rebreather mask of at least 10 L/minute Failure to assure a tight mask seal to patient's face Failure to manage the patient as a competent EMT Exhibits unacceptable affect with patient or other personnel Uses or orders a dangerous or inappropriate intervention You must factually document your rationale for checking any of the above critical items on this form (below or turn sheet over).			
Comments:			



BVM VENTILATION OF AN APNEIC ADULT PATIENT

Candidate:	Examiner:		
Date:	Signature:		
		Possible	Points
Actual Time Started:		Points	Awarded
Takes or verbalizes appropris	ate body substance isolation precautions	1	
Checks responsiveness	NOTE: After checking responsiveness and breathing for at least 5 but no	1	
	more than 10 seconds, examiner informs the candidate, "The patient is		
Checks breathing	unresponsive and apneic."	1	ĺ
Requests additional EMS ass		1	
Checks pulse for at least 5 bu		1	
	st now inform the candidate, "You palpate a weak carotid pulse at a rate of 60."		
Opens airway properly		1	
	st now inform the candidate, "The mouth is full of secretions and vomitus."		
Prepares rigid suction cathete		1	
	vice or retrieves manual suction device	1	
Inserts rigid suction catheter		1	
Suctions the mouth and orop	11 / 2	1	
	st now inform the candidate, "The mouth and oropharynx are clear."	•	
	n now inform the canatatie, The mouth and oropharyns are clear.	,	
Opens the airway manually		1	
Inserts oropharyngeal airway			
NOTE: The examiner mus	st now inform the candidate, "No gag reflex is present and the patient accepts th	e airway adj	unct."
_	ediately using a BVM device unattached to oxygen		İ
	date elects to ventilate initially with BVM attached to reservoir and oxygen so	1	ĺ
long as first ventilation is del	ivered within 30 seconds.]		
	st now inform the candidate that ventilation is being properly performed without	difficulty.	
	but no more than 10 seconds	1	
	[mask, bag, reservoir] to oxygen [15 L/minute]	1	
Ventilates the patient adequa	tely		
-Proper volume to make che		2	İ
-Proper rate [10 – 12/minute but not to exceed 12/minute] (1 point)			
NOTE: The examiner mus	st now ask the candidate, "How would you know if you are delivering appropriat	le volumes w	ith each
ventilation?"			
		10	
Actual Time Ended:	TOTAL	17	1
Critical Criteria			
	ient, failure to initiate ventilations within 30 seconds or interrupts ventilations for	greater than	80
seconds at any time	iem, latitue to initiate ventilations within 50 seconds of interrupts ventilations for	greater man.	,,,
-	ize body substance isolation precautions		
	y before ventilating the patient		
	an excessive and prolonged time		
	siveness and breathing for at least 5 seconds but no more than 10 seconds		
:	or at least 5 seconds but no more than 10 seconds		
	mately provide high oxygen concentration [at least 85%]		
	Failure to voice and unmatery provide high oxygen concentration (at least 83%) Failure to ventilate the patient at a rate of at least 10/minute and no more than 12/minute		
:	ate volumes per breath [maximum 2 errors/minute permissible]		
Insertion or use of any adjunct in a manner dangerous to the patient			
Failure to manage the patient as a competent EMT			
Exhibits unacceptable affect with patient or other personnel			
Uses or orders a dangerous or inappropriate intervention			
_	•• •		
You must factually documen	nt your rationale for checking any of the above critical items on this form (below	or turn shee	t over).



CARDIAC ARREST MANAGEMENT / AED

Candidate: Examiner:		
Date: Signature:		
Actual Time Started:	Possible Points	Points Awarded
Takes or verbalizes appropriate body substance isolation precautions	1	
Determines the scene/situation is safe	1	
Attempts to question bystanders about arrest events	1	
Checks patient responsiveness	1	
NOTE: The examiner must now inform the candidate, "The patient is unresponsive."		
Assesses patient for signs of breathing [observes the patient and determines the absence of breathing or	· ·	
abnormal breathing (gasping or agonal respirations)]	1	
NOTE: The examiner must now inform the candidate, "The patient is apneic," or, "The patient has respirations."	gasping, age	onal
Checks carotid pulse [no more than 10 seconds]	1	
NOTE: The examiner must now inform the candidate, "The patient is pulseless."		
Immediately begins chest compressions [adequate depth and rate; allows the chest to recoil completely]	1	
Requests additional EMS response	1	
Performs 2 minutes of high quality, 1-rescuer adult CPR	1	
Adequate depth and rate (1 point)	1	
Correct compression-to-ventilation ratio (1 point)	5	
Allows the chest to recoil completely (1 point)	1	
Adequate volumes for each breath (1 point)	1	
Minimal interruptions of less than 10 seconds throughout (1 point)		
NOTE: After 2 minutes (5 cycles), patient is assessed and second rescuer resumes compressions white AED.	le candidate	operates
Turns-on power to AED	1	
Follows prompts and correctly attaches AED to patient	1	
Stops CPR and ensures all individuals are clear of the patient during rhythm analysis	1	
Ensures that all individuals are clear of the patient and delivers shock from AED	1	
Immediately directs rescuer to resume chest compressions	1	
•		
Actual Time Ended: TOTAL	18	
Critical Criteria		
Failure to take or verbalize appropriate body substance isolation precautions		
Failure to immediately begin chest compressions as soon as pulselessness is confirmed		
Failure to deliver shock in a timely manner		
Interrupts CPR for more than 10 seconds at any point		
Failure to demonstrate acceptable high-quality, 1-rescuer adult CPR		
Failure to operate the AED properly		
Failure to correctly attach the AED to the patient	1 1/37	1.15
Failure to assure that all individuals are clear of patient during rhythm analysis and before deliverin "All clear" and observes]	g shock(s) [t	verbalizes
Failure to immediately resume compressions after shock delivered		
Failure to manage the patient as a competent EMT		
Exhibits unacceptable affect with patient or other personnel		
Uses or orders a dangerous or inappropriate intervention		
Very most floate all. Jerum not come resignate for alreading any of the above missed items on this form floaten	h-	art assert



SPINAL IMMOBILIZATION (SUPINE PATIENT)

Candidate: Examiner:		
Date: Signature:		
Actual Time Started:	Possible Points	Points Awarde
Takes or verbalizes body substance isolation precautions	1	
Directs assistant to place/maintain head in the neutral, in-line position	1	
Directs assistant to maintain manual stabilization of the head	1	
Reassesses motor, sensory, and circulatory functions in each extremity	1	
Applies appropriately sized extrication collar	1	
Positions the immobilization device appropriately	1	
Directs movement of the patient onto the device without compromising the integrity of the spine	1	
Applies padding to voids between the torso and the device as necessary	1	
Immobilizes the patient's torso to the device	1	
Evaluates and pads behind the patient's head as necessary	1	
Immobilizes the patient's head to the device	1	
Secures the patient's legs to the device	1	
Secures the patient's arms to the device	1	
Reassesses motor, sensory, and circulatory function in each extremity	1	
Actual Time Ended: TOTAL	14	
Critical Criteria Did not immediately direct or take manual stabilization of the head Did not properly apply appropriately sized cervical collar before ordering release of manual Released or ordered release of manual stabilization before it was maintained mechanically Manipulated or moved the patient excessively causing potential for spinal compromise Head immobilized to the device before device sufficiently secured to the torso Patient moves excessively up, down, left, or right on the device Head immobilization allows for excessive movement Upon completion of immobilization, head is not in a neutral, in-line position Did not reassess motor, sensory, and circulatory functions in each extremity after immobility to the device Failure to manage the patient as a competent EMT Exhibits unacceptable affect with patient or other personnel Uses or orders a dangerous or inappropriate intervention	y ilizing pa	



SPINAL IMMOBILIZATION (SEATED PATIENT)

Candidate:	Examiner:			
Date:	Signature:			
Actual Time Started:			Possible Points	Point Award
Takes or verbalizes appropriate body substance isolation	precautions		1	
Directs assistant to place/maintain head in the neutral, in	ı-line position		1	
Directs assistant to maintain manual stabilization of the	head		1	
Reassesses motor, sensory, and circulatory functions in	each extremity		1	
Applies appropriately sized extrication collar			1	
Positions the immobilization device behind the patient			1	
Secures the device to the patient's torso			1	
Evaluates torso fixation and adjusts as necessary			1	
Evaluates and pads behind the patient's head as necessar	у		1	
Secures the patient's head to the device			1	
Verbalizes moving the patient to a long backboard			1	
Reassesses motor, sensory, and circulatory function in e	ach extremity		1	
Actual Time Ended:		TOTAL	12	
Critical Criteria Did not immediately direct or take manual stabilization or properly apply appropriately sized cervical Released or ordered release of manual stabilization Manipulated or moved the patient excessively caus Head immobilized to the device before device sufficient moves excessively up, down, left, or right of Head immobilization allows for excessive movemed Torso fixation inhibits chest rise, resulting in respiration Upon completion of immobilization, head is not in Did not reassess motor, sensory, and circulatory for to the long backboard Failure to manage the patient as a competent EMT Exhibits unacceptable affect with patient or other putses or orders a dangerous or inappropriate intervent.	collar before ordering re- before it was maintained ing potential spinal comp iciently secured to the tor in the patient's torso int atory compromise a neutral, in-line position actions in each extremity	l mechanical promise rso	lly	
Van word factually decomment years retire als for also bing any of	ha about oritical items on the		e chia Cara	



BLEEDING CONTROL/SHOCK MANAGEMENT

Candidate: Date:	Examiner:Signature:		
Actual Time Started:		Possible Points	Points Awarded
Takes or verbalizes appropriate body substance isolation pr	recautions	1	
Applies direct pressure to the wound		1	
NOTE: The examiner must now inform the candidate to	hat the wound continues to bleed.		
Applies tourniquet		1	
NOTE: The examiner must now inform the candidate to hypoperfusion.	hat the patient is exhibiting signs	and sympt	toms of
Properly positions the patient		1	
Administers high concentration oxygen		1	
Initiates steps to prevent heat loss from the patient		1	
Indicates the need for immediate transportation		1	
Actual Time Ended:	TOTAL	7	
Critical Criteria Did not take or verbalize body substance isolation prediction of description of oxygen and description of control hemorrhage using correct procedures in Did not indicate the need for immediate transportation and Failure to manage the patient as a competent EMT and Exhibits unacceptable affect with patient or other person uses or orders a dangerous or inappropriate intervention.	in a timely manner		

You must factually document your rationale for checking any of the above critical items on this form (below or turn sheet over).



LONG BONE IMMOBILIZATION

Candidate:	Examiner:		
Date:	Signature:		
Actual Time Started:		Possible Points	Points Awarded
Takes or verbalizes appropriate body substance isolation p	recautions	1	
Directs application of manual stabilization of the injury		1	
Assesses distal motor, sensory, and circulatory functions in		1	
NOTE: The examiner acknowledges, "Motor, sensory,	and circulatory functions a	re present and i	normal."
Measures the splint		1	
Applies the splint		1	
Immobilizes the joint above the injury site		1	
Immobilizes the joint below the injury site		1	
Secures the entire injured extremity		1	
Immobilizes the hand/foot in the position of function		1	
Reassesses distal motor, sensory, and circulatory functions in the injured extremity 1			
NOTE: The examiner acknowledges, "Motor, sensory,	and circulatory functions a	re present and i	normal."
Actual Time Ended:	то	TAL 10	
Critical Criteria Did not immediately stabilize the extremity manually Grossly moves the injured extremity Did not immobilize the joint above and the joint beloe Did not immobilize the hand or foot in a position of food in a position of foo	w the injury site function y functions in the injured ext sonnel	tremity before a	nd after

You must factually document your rationale for checking any of the above critical items on this form (below or turn sheet over).



JOINT IMMOBILIZATION

Candidate:	Examiner:		
Date:	Signature:		
		Possible	Points
Actual Time Started:		Points	Awarded
Takes or verbalizes appropriate body substance isolation pr	ecautions	1	
Directs application of manual stabilization of the injury		1	
Assesses distal motor, sensory, and circulatory functions in		1	
NOTE: The examiner acknowledges, "Motor, sensory, a	nd circulatory functions are pres	ent and no	rmal."
Selects the proper splinting material		1	
Immobilizes the site of the injury		1	
Immobilizes the bone above the injury site		1	
Immobilizes the bone below the injury site		1	
Secures the entire injured extremity		1	
Reassesses distal motor, sensory, and circulatory functions	in the injured extremity	1	
NOTE: The examiner acknowledges, "Motor, sensory, and circulatory functions are present and normal."			
Actual Time Ended:	TOTAL	9	
Critical Criteria Did not immediately stabilize the extremity manually Grossly moves the injured extremity Did not immobilize the bone above and below the inju Did not reassess distal motor, sensory, and circulatory splinting Failure to manage the patient as a competent EMT Exhibits unacceptable affect with patient or other persuluses or orders a dangerous or inappropriate intervention	functions in the injured extremity onnel	y before and	l after

You must factually document your rationale for checking any of the above critical items on the reverse side of this form.

APPENDIX C

NATIONAL REGISTRY REGISTRATION SHEETS



Program Directors!

How to Authorize Your Students to Take an NREMT Exam



As program director, you are responsible for verifying when your students have completed a state-approved EMS course.

Detailed instructions on how to make the necessary verifications are below. If you need additional assistance, please contact the NREMT at 614-888-4484. We're ready to help!

Step 1

Login

- Go to www.nremt.org
- From the main page, click on 'Login' (found in the blue bar at the top of the page)
- . Enter your Username and Password and proceed as prompted
- · Click on 'Login'

Step 2

Verification of Course Completion

To verify course completion, click on 'Course Completion Verification' on the left side of the screen.

- · Review all the requirements listed and possible responses:
 - 1. This is 'Not our student' (Not Our Student)
 - This student 'Did not successfully complete program requirements' (No Course Completion)
 - This student, 'Successfully completed program requirements as well as CPR and skill competency' (Successful Course Completion)
- Go to 'Registration Level'. Use the pull-down arrow to select your choice
- · Click on 'Select'
- You will see a list of candidates who indicated they were part of your education program (last name and last four digits of their Social Security Number). The date in the 'Course Completion Date' column is the date provided by the candidate on their application. If the date is not correct, you may edit this field (note: only the month and year are recorded)

- For each candidate, review the information and click on the appropriate statement as prompted
- Read the statement in the box at the end of your student list.
 By clicking 'Submit' you are attaching your "electronic signature" to that candidate's application
- Once you have processed a student on the list, they will be removed

Step 3

Practical Exam Verification

First Responder and EMT-Basic

If your State permits, you will need to verify the Psychomotor (Practical) Examination of your students.

- To verify skills, click on 'Practical Exam Verification' on the left hand side of the screen
- Review all the requirements listed. As Program Director you will indicate one of the following responses:
 - 1. 'Not Our Student' or 'Failed Final Attempt'
- 'Successfully Completed Practical Examination' (Successful Practical Skills Completion)
- Click on 'Search'
- You will see a list of candidates who indicated they were part of your education program as in Step 2. Proceed as prompted
- Read the statement in the box at the end of your student list By clicking 'Submit' you are attaching your "electronic signature" to that candidate's application
- Once you have processed a student on the list, they will be removed

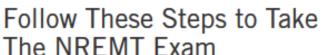
Intermediate and Paramedic

Advanced level candidates (Intermediate and Paramedic) may take the psychomotor evaluation (practical exam) following completion of the didactic and laboratory portions of an approved program if permitted by the program director and the State EMS Licensing Agency.

Advanced level psychomotor examinations will be verified by NREMT Advanced Level Representatives.

Please refer to the NREMT website for the most current policies and procedures. Revised 8/2010

EMS Students!





Follow these easy steps 3 to 4 weeks in advance of when you plan to test. If you need additional assistance, please contact the NREMT at 614-888-4484. We're ready to help!

Step 1: Create Your Account

- Go to nremt.org and click on 'Login' (found in the blue bar at the top of the NREMT home page).
- Click on 'Set Up New Account' and follow the instructions.

Step 2: Login

 After you have completed Step 1, you can follow the link and login with the username and password you created.

Step 3: Manage Your Account Information

 Complete all the information in the Personal Account Information fields as prompted. The name you include in this area should be the same as what appears on your drivers license (or the ID you will present at the testing center), and is what will appear on your application, National Registry certificate and card upon successful completion of the examination.

Read this to avoid delay! Make sure the name you use to set up your Account matches the name on your drivers license EXACTLY (or the ID you will present at the testing center) or you will be denied access to the testing center on the day of your exam!

Step 4: Create a New Application

- · Click on 'Create a New Application' to apply to take your exam.
- Review the Personal Information Summary if any items are incorrect, you can make corrections by clicking on "Manage Account Information".
- Select the application level you wish to complete.

Step 5: Pay Application Fee

 It is recommended that you pay your application fee at the time you complete your online application. However, if you choose, you may pay at a later date.

Read this to avoid delay! An Authorization to Test (ATT) Letter allowing you to schedule your exam will not be issued until payment has been received and all other verifications are complete.

 You can pay by credit/debit online or print a money order tracking slip for mailing your money order to the NREMT.

Step 6: Check to See if You Are Approved to Take Your Exam

 When all areas of the application process are completed and have been verified, you will see the following link: 'Print ATT Letter'.

Read this to avoid delay! You will only see 'Print ATT Letter' when you have been verified to test! This link will not appear if the verification process is not yet complete!

- Monitor the progress of your application and watch for your Authorization to Test (ATT) Letter by going to the NREMT home page and logging in using your username and password.
- · Click on 'Candidate Services'.
- · Click on 'Application Status'.
- If you see 'Submitted' next to 'Course Completion Verification', this
 means the NREMT has submitted your information to the program
 you indicated, and is waiting for authorization from the program
 indicating that you have completed the course.
- . If you see the link 'Print ATT Letter', click on the link.

Step 7: Print the ATT Letter to Schedule Your Exam

. Scroll down to see if the 'Print ATT Letter' appears.

Read this to avoid delay! Click on this link to print your ATT Letter. Print and follow the instructions in your ATT Letter.

Step 8: Call Pearson VUE to Schedule Your Exam

- Your ATT Letter will contain the Pearson VUE phone number to call to schedule your examination.
- Your ATT Letter will also include other important information you should read carefully!
 - . Read this to avoid delay!
 - You can reschedule your exam up to 24 hours in advance by calling Pearson VUE at 1-866-673-6896 or visiting the Pearson VUE website. If you fail to appear for your exam, you will have to complete a new application and pay another application fee!
 - Refunds cannot be issued for no-shows.
 - If you arrive late for your exam, you may lose your appointment!

Additional informational can be found on the NREMT instructional DVD.

Ask your instructor for more information or visit the NREMT website at www.NREMT.org.

Revisions and updates may be necessary to make the CBT transition as smooth as possible. Please refer to the NREMT website for the most current policies and procedures. Release date 11.06 Revised 6/07

Appendix D

End of Course State Psychomotor Exam

All classes will now be testing their students in house instead of the traditional state test as done in prior years.

- 1. Submit a National Registry EMT Psychomotor Exam Request to OEMS 21 days in advance. The OEMS will send the Exact amount of scoring sheets to the Course Coordinator. The actual skills sheets should be printed off of the National Registry website.
 - https://www.nremt.org/nremt/about/psychomotor_exam_emt.asp
- 2. When you receive the paperwork from OEMS, count to make sure there are an adequate number of scoring sheets for the students. Note that the random skills station is not known until you receive the paperwork. If anything is missing contact the OEMS immediately.
- 3. Skills examiners must be EMT level or higher.
- 4. The course coordinator is the **only** person who may fill out the scoring sheets from OEMS.
- 5. The course coordinator will give the yellow copy of the scoring sheet to the student and send the white original copy to the OEMS.
- 6. Re-tests are done at the discretion of the Course Coordinator.
- 7. OEMS retains the right to attend any practical test at any time without notification to help maintain the validity of the test.
- 8. OEMS is aware that not as many stations may be set up at one time due to available equipment and personnel. Course coordinators should contact their Emergency Medical Specialist if they have concerns.
- 9. All <u>original</u> score sheets must be submitted to OEMS for submission to National Registry.

Office of Emergency Medical Services 118 W. Capitol Ave. Pierre, SD. 57501

10. Any false or dishonest documentation will be subject to having action taken against his or her license.

44:05:01:02. Definition of unprofessional or dishonorable conduct.

11. Below are links to videos that show examples of the skills being performed. Keep in mind individual skills may vary. Follow National Registry skills sheets.

Medical Assessment- http://www.youtube.com/watch?v=pUkXFxZ6xLg

http://www.youtube.com/watch?v=hiforJTijcE

Trauma Assessment-

http://www.youtube.com/watch?v=bnxX5FUCcnQ&list=UU_lyQ5LjUdMl8303QilwZzQ

http://www.youtube.com/watch?v=4MKS95SAIAg

BVM Ventilation- http://www.youtube.com/watch?v=6i fJHS8P9Y

Bleeding Control Shock Management-

http://www.youtube.com/watch?v=XDfYxZmvSlc&list=UU_lyQ5LjUdMl8303QilwZzQ&index=9

Long Bone Immobilization-

http://www.youtube.com/watch?v=R2GNnrZcRsE&index=8&list=UU_lyQ5LjUdMl8303QilwZzQ

Joint Immobilization-

http://www.youtube.com/watch?v=MhXy9PkqX_c&list=UU_lyQ5LjUdMI8303QilwZzQ&index=6

Spinal Immobilization Supine-

http://www.youtube.com/watch?v=MhrfzsNmopc&list=UU_lyQ5LjUdMl8303QilwZzQ&index=5

Spinal Immobilization Seated- http://www.youtube.com/watch?v=fheGCs-

634s&index=7&list=UU_lyQ5LjUdMl8303QilwZzQ

Oxygen Administration- http://www.youtube.com/watch?v=2z9UmLmYNEU

Cardiac Arrest AED- http://www.youtube.com/watch?v=c-5c_c8jW-0 Note that we use a BVM device which is not shown in these video clips.

National Registry EMT Psychomotor Exam Request

This paperwork must be submitted to OEMS 21 days before the Practical is going to take place. This is to ensure all proper paperwork is in prepared for the test.

Class Number	
Test Location	
Test Date or Dates	_
Time:AM/PM	
Course Coordinator	
Mailing Address for Test Materials to be sent:	
	nind if the students name is not on this list then they do
not test as there will not be paperwork for them	to do so. You may print and attach names to this as
well.)	
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Please send to South Dakota Office of EMS.

118 W. Capitol Ave Pierre, SD. 57501 Fax: 605-773-6631

Email: Brad.Janecke@state.sd.us